

Converting Colors

Hex(6F76AE)

Have a look what the booklet for
Hex(6F76AE) contains.

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Color

Hex(6F76AE)

Conversions

Conversions Part 1

Format	Color
Hex	6F76AE
RGB	111, 118, 174
RGB Percent	44%, 46%, 68%
CMY	0.5647, 0.5373, 0.3176
CMYK	0.36, 0.32, 0.00, 0.32
HSL	233°, 28%, 56%
HSV	233°, 36%, 68%
XYZ	20.6740, 19.3924, 42.6979
YIQ	122.2910, -22.1480, 15.9320

Conversions

Conversions Part 2

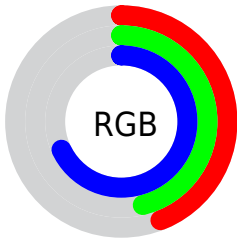
Format	Color
R_{YB}	111, 117, 174
Decimal	7304878
CIE _{Lab}	51.14, 11.29, -30.63
CIE _{LCh}	51, 32.640, 290.234
Yxy	19.3924, 0.2498, 0.2343
Android (android.graphics.Color)	4285494958 (0xFF6F76AE)
YUV	122.2910, 25.4925, -9.9022
Hunter-Lab	44.0368, 6.7361, -26.6616

Details

The Hex color **6F76AE** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AEA76F**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A5AAE6**, and **3C4679** is the 20% darker color. If you saturate the color by 10%, you get **5E67AE**, and if you desaturate by 10%, it is **8085AE**.

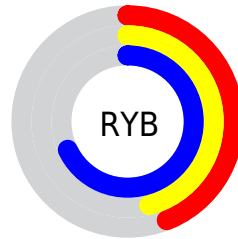
Distribution



Red (44%)

Green (46%)

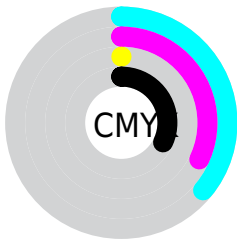
Blue (68%)



Red (44%)

Yellow (46%)

Blue (68%)

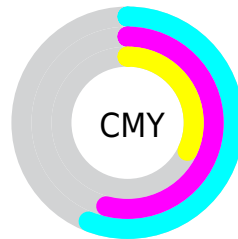


Cyan (36%)

Magenta (32%)

Yellow (0%)

Black (32%)



Cyan (56%)

Magenta (54%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F76AE changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6F76AE by changing the saturation by 10% instead.

■ 6F76AE

■ 6F76AE

FFFFFF

■ 555D93

■ A5AAE6

■ 3C4679

■ C0C5FF

■ 223060

■ DDE1FF

■ 031B48

■ FAFEFF

■ 000032

■ 00011C

■ 000000

■ 6F76AE

■ 6F76AE

■ 5E67AE

■ 8085AE

■ 4C57AE

■ 9295AE

■ 3B48AE

■ A3A4AE

■ 2938AE

■ B5B4AE

■ 1829AE

■ C6C3AE

■ 0719AE

■ D7D3AE

■ 0013AE

■ E9E2AE

■ FAF2AE

■ FFFFAE

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



3C7FB0



6F76AE



946C9E

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6F76AE



A76B50



31886F

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6F76AE



AEA76F

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



598455



6F76AE



947543

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6F76AE



B06468



797E44



00888C

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6F76AE



A4668D



797E44



408766

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6F76AE



CACDE3



6FAEA7



646573



F2F2F2



737373

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6F76AE



818CE3



876FAE



4E4F57



001196



000317

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



AE6F76



E3818C



96AE6F



574E4F



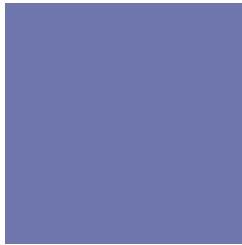
960011



170003

Previews

White Background



This preview shows how the Hex color 6F76AE looks on a white background.

Color Contrast Check

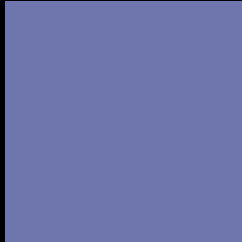
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 6F76AE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

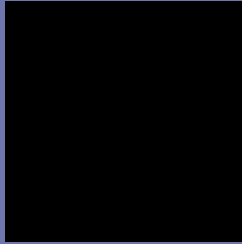
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6F76AE Background



This preview shows how black text looks on a background with the Hex color 6F76AE.



This preview shows how white text looks on a background with the Hex color 6F76AE.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
6F76AE

Protanopia
6878AF

Deuteranopia
6679AD



Tritanopia
667E88

Trichromacy



Original Color
6F76AE

Protanomaly
6B77AF

Deuteranomaly
6978AD

Tritanomaly
697B96

Monochromacy



Original Color
6F76AE

Achromatopsia
7A7A7A

Achromatomaly
76798D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F76AE is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6F76AE looks like.

```
.text, #text, p{  
    color:#6F76AE  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6F76AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F76AE
}
```

Border

The CSS property to change the border of an element to Hex 6F76AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

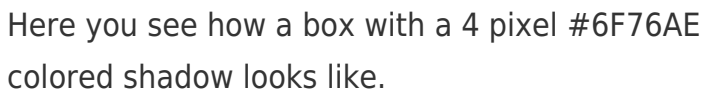
```
.border, #border, table{ border:4px solid
#6F76AE }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6F76AE }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6F76AE colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F76AE; -webkit-box-shadow:4px 4px  
4px 4px #6F76AE; box-shadow:4px 4px 4px  
4px #6F76AE }
```

Background

The CSS property to change the background color of an element to Hex 6F76AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F76AE }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6F76AE }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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